

Application No. 10/730,137
Amendment dated 6 February 2006
Reply to Office Action of 5 October 2005

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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for production of a printing plate, the method of production comprising:
 - a. exposing a processless plate in a computer-to-plate platesetter; and
 - b. forming a sharp bend along one edge of the plate inside said computer-to-plate platesetter without developing the plate.
2. (Original) A method as in claim 1, wherein said computer-to-plate platesetter is a thermal computer-to-plate platesetter.
3. (Original) A method as in claim 1 comprising the additional step of automatically punching the plate inside the computer-to-plate platesetter.
4. (Previously Presented) A method for automatic printing plate production comprising:
 - a. forming a sharp bend along one edge of a first processless plate inside a computer-to-plate platesetter without developing the plate; and
 - b. exposing the first processless plate to imaging radiation.
5. (Currently Amended) A computer-to-plate platesetter for exposing processless printing plates, the computer-to-plate platesetter comprising an automatic plate bender positioned adjacent to an imaging system to receive

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imaged printing plates directly from said imaging system, the automatic plate bender configured to form a sharp bend along at least one edge of an imaged printing plate.

6. (Original) The computer-to-plate platesetter of claim 5, wherein the computer-to-plate platesetter is a thermal platesetter.
7. (Previously Presented) A method according to claim 4, further comprising forming a sharp bend along one edge of a second processless plate during the exposing of the first processless printing plate to imaging radiation.
8. (Previously Presented) A method according to claim 4, comprising forming one or more openings in the first processless plate while the first processless plate is in the computer-to-plate platesetter.
9. (Previously Presented) A method according to claim 8, wherein the forming of the one or more openings comprises punching.
10. (Previously Presented) A method according to claim 9, wherein the punching is performed prior to the exposing of the first processless plate.
11. (Previously Presented) A method according to claim 8, comprising registering the one or more openings in the first processless plate prior to bending the first processless plate.
12. (Previously Presented) A method according to claim 4, comprising optically registering the first processless plate prior to bending the first processless plate.

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13. (Previously Presented) A method according to claim 12, wherein optically registering the first processless plate comprises using a video camera to register the first processless plate.
14. (Previously Presented) A method according to claim 12, wherein optically registering the first processless plate comprises using a laser to register the first processless plate.
15. (Previously Presented) A method according to claim 4, comprising registering the first processless plate on registration pins prior to forming the sharp bend in the first processless plate.
16. (Previously Presented) A method according to claim 15, wherein registering the first processless plate on registration pins comprises closing an electrical circuit comprising the first processless plate and the registration pins.
17. (Currently Amended) A computer-to-plate platesetter for exposing processless printing plates, the computer-to-plate platesetter comprising an automatic plate bender positioned adjacent to an imaging system to receive imaged printing plates directly from said imaging system the automatic plate bender configured to form a sharp bend along at least one edge of an imaged printing plate according to claim 5, wherein the bender comprises an encoder connected to monitor a bend angle and a controller configured to stop forming a bend in a printing plate when the encoder indicates that a desired bend angle has been achieved.

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18. (Previously Presented) A computer-to-plate platesetter according to claim 17 wherein the bender comprises a folder bar, wherein an angle of the folder bar is adjustable.
19. (Previously Presented) A computer-to-plate platesetter according to claim 18 wherein the bender comprises a set of register pins disposed to locate a printing plate to be bent, wherein a location of the register pins is adjustable.